

**Patent claims:**

1. Wave-power device, with a plurality of floating bodies (12) arranged in at least two parallel rows for vertical movement caused by wave movements, where each floating  
5 body is connected to a generator (22) for the generating of electrical energy during the vertical movement, and which floating bodies are jointed to a raft (11) which can be relocated on the water and which can be moored at an arbitrary place of use,  
**characterized** in that the floating bodies (12) are connected to vertical supporting bars (14) which are held between an upper lattice-like structure (15, 16) and a lower lattice-  
10 like structure (17, 18), and where each of the vertical supporting bars (14) is connected to an electric generator (22).
2. Wave-power device according to claim 1, **characterized** in that the floating bodies (12) are arranged to be moveable on the vertical supporting bars (14), as each floating  
15 body encloses a movable generator part (25).
3. Wave-power device according to claim 2, **characterized** in that the vertical supporting bar is designed with a pitch rack-like part which during movement drives an electric rotating generator which is arranged in each floating body.  
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4. Wave-power device according to claim 1, **characterized** in that each floating body is fastened to a vertical supporting bar which is coupled to the upper lattice-like structure (15, 16) and the lower lattice-like structure (17, 18), and that one end of the vertical supporting bar is designed with a pitch rack-like part which during movement  
25 drives an electric rotating generator.
5. Wave-power device according to any one of the claims 1-4, **characterized** in that at two opposite sides of the lattice-like structure (15, 16, 17, 18), which bears floating bodies (12), is arranged a buoyancy tank (19, 20) which in operation of the wave-  
30 power device are at least partly filled with water, so that they are lowered to a depth in the water, where the supporting structure of the floating bodies (12) stays mainly stable and unaffected of wave movements.

6. Wave-power device according to any one of the claims 1-5, **characterized** in that the upper lattice-like structure includes lengthwise and crosswise directed connection bars (15, 16), where the junctures form holders for the vertical supporting bars (14).
- 5 7. Wave-power device according to any one of the claims 1-6, **characterized** in that the lower lattice-like structure includes lengthwise and crosswise directed connection bars (17, 18), where the junctures form holders for the vertical supporting bars (14).
- 10 8. Wave-power device according to claim 2, **characterized** in that the vertical supporting bars (14) are integrated with stator coils (27) and iron elements (28), while each floating body (12) has a centrally located tube (29) of permanent magnetic material.
- 15 9. Wave-power device according to any one of the claims 1-8, **characterized** in that the stator coils (27) of the generators are connected to a rectifier and to a DC/AC-converter (32) which is common to all of the generators in the wave-power device.
- 20 10. Wave-power device according to claim 9, **characterized** in that the supporting bars (14) accomodate capacitors and/or rectifiers for the generated current.
11. Wave-power device according to any one of claims 1-2, **characterized** in that at the lower edge of the floating bodies is arranged a scraping element for keeping the supporting bars (14) free of fouling.
- 25 12. Wave-power device according to claim 5, **characterized** in that the buoyancy tanks (19, 20) are rotatably coupled at its ends, preferably at its longitudinal axles, to be able to rotate the buoyancy tanks for removal of fouling.
- 30 13. Wave-power device according to claim 5, **characterized** in that the buoyancy tanks (19, 20) provided can be filled with water for lowering the wave-power device down into the sea, so that the floating bodies (12) go down to a level and thus remove the risk of damage during bad weather.